### **BULK MATERIAL REPORT**

LAB: 16179

REPORT Laboratory Analysis: BULK MATERIAL

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

Shipped via:

27

**FEDERAL EXPRESS** 

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/15/94

SAMPLE

IDENTIFICATION

206-517G-199

ceiling panel

white

**PARAMETER** 

Asbestos

**TEST RESULTS** 

None detected. This sample contains approx.

60% Mineral Wool, 30% Fiberglass, 10% Binder

28

206-517G-200

ceiling panel, mastic

brown

Asbestos

None detected. This sample contains approx.

3% Mineral Wool, 97% CaCO, Binder

29

206-517G-201

plaster white

Asbestos

None detected. This sample contains approx.

2% Cellulose, 98% Perlite, Quartz, CaSO, Binder

30

206-517G-202

covebase

red

Asbestos

None detected. This sample contains approx.

100% CaCO, Binder

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

### **BULK MATERIAL REPORT**

LAB: 16179

Methodology: EPA 600/M4-82-020

P/O#:

**Proj: 206** 

: Client

By: (

Received: 11/8/94

Reported: 11/15/94

SAMPLE

Shipped via: FEDERAL EXPRESS

REPORT Laboratory Analysis: BULK MATERIAL

PARAMETER

**TEST RESULTS** 

IESI KESULIS

31

IDENTIFICATION 206-517G-203

Asbestos

None detected. This sample contains approx.

100% CaCO, Binder

covebase black

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

32 206-517G-204

covebase mastic

brown

**Asbestos** 

None detected. This sample contains approx.

100% CaCO

33 206-517G-205

drywall, tape, compound white, It. brown, white

Asbestos

\* None detected. This sample contains approx.

35% Cellulose, 65% CaCO, CaSO, Binder

34 206-517G-206

ceifing panel

white

**Asbestos** 

None detected. This sample contains approx.

60% Mineral Wool, 30% Fiberglass, 10% Binder

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Analyst: Kurt Kettler

By: Russell Nassof

### **BULK MATERIAL REPORT**

LAB: 16179

Methodology: EPA 600/M4-82-020 REPORT Laboratory Analysis: BULK MATERIAL

Reported to: Ron Holtz

Client: R & H ASSOCIATES

Proj: 206

Sampled from: 206

By: Client

Shipped via: FEDERAL EXPRESS

tan

**Received:** 11/8/94

Reported: 11/15/94

SAMPLE

IDENTIFICATION

PARAMETER

**TEST RESULTS** 

35A TSI

206-517G-207 Asbestos None detected. This sample contains approx. 30% Mineral Wool, 20% Fiberglass, 50% CaCO,

Binder, Foam

35B

36

37

**Asbestos** 

None detected. This sample contains approx.

70% Cellulose, 30% Binder

TSI Wrap tan

206-517G-208

ceiling panel

206-517G-207

**Asbestos** 

None detected. This sample contains approx.

40% Cellulose, 20% Mineral Wool, 20% Fiberglass,

20% Perlite , Binder

tan

206-517G-209

floor tile

white

**Asbestos** 

Positive. This sample contains approx.

3% Chrysotile, 97% Quartz, CaCO, Binder

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Analyst: Kurt Kettler

By: Russell Nassof

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

### **BULK MATERIAL REPORT**

LAB: 16179

REPORT Laboratory Analysis: BULK MATERIAL

Methodology: EPA 600/M4-82-020

Client: R & H ASSOCIATES

P/O#:

Reported to: Ron Holtz

Proj: 206

Sampled from: 206

By: Client

Shipped via:

**FEDERAL EXPRESS** 

Received: 11/8/94

Reported: 11/15/94

SAMPLE

**IDENTIFICATION** 

**PARAMETER** 

**TEST RESULTS** 

38

206-517G-210

Asbestos

Positive. This sample contains approx.

floor tile mastic

black

tan

10% Chrysotile, 90% CaCO, Binder

39 206-517G-211 TSI

**Asbestos** 

None detected. This sample contains approx.

20% Mineral Wool, 20% Fiberglass, 60% CaCO,

Binder . Diatoms

40

206-517G-212

paper, tar white, black **Asbestos** 

**Asbestos** 

None detected. This sample contains approx.

50% Cellulose, 20% Fiberglass, 30% Binder, Tar

41

206-517G-213

caulk

beige

None detected. This sample contains approx.

100% CaCO, Binder

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Analyst: Kurt Kettler

By: Russell Nassof

### **BULK MATERIAL REPORT**

LAB: 16185

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Reported to: Ron Holtz

Sampled from: 206

Client: R & H ASSOCIATES

FEDERAL EXPRESS

REPORT Laboratory Analysis: BULK MATERIAL

**Received:** 11/8/94

Reported: 11/18/94

SAMPLE 01

Shipped via:

IDENTIFICATION 206-517G-214

ceiling tile

**PARAMETER** 

Asbestos

METER TEST RESULTS

None detected. This sample contains approx.

20% Cellulose, 20% Mineral Wool, 30% Fiberglass,

30% Perlite , Binder

02

206-517G-215 floor tile

floor tile beige Asbestos -

Positive. This sample contains approx.

3% Chrysotile, 97% Quartz , CaCO , Binder

03

206-517G-216 floor tile mastic

black

Asbestos

None detected. This sample contains approx.

2% Cellulose, 2% Fiberglass, 96% Quartz, CaCO,

Binder

04

206-517G-217

ceiling tile

It. brown

**Asbestos** 

None detected. This sample contains approx.

20% Cellulose, 20% Mineral Wool, 25% Fiberglass,

35% Perlite , Binder

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Analyst: Kurt Kettler

By: Russell Nassof

#### **BULK MATERIAL REPORT**

LAB: 16185

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Pur Clin

**Received:** 11/8/94

Reported: 11/18/94

SAMPLE

Shipped via:

IDENTIFICATION

REPORT Laboratory Analysis: BULK MATERIAL

FEDERAL EXPRESS

**PARAMETER** 

TER TEST RESULTS

05 206-517G-2 ceiling tile

It. gray

Client: R & H ASSOCIATES
Reported to: Ron Holtz

Sampled from: 206

206-517G-218 Asbestos

None detected. This sample contains approx.

30% Mineral Wool, 60% Fiberglass, 10% CaCO.

Binder

06 206-517G-219

ceiling tile mastic

brown

Asbestos None detected. This sample contains approx.

trace Cellulose, 99% CaCO, Binder

07 206-517G-220

plaster tan Asbestos

None detected. This sample contains approx.

2% Cellulose, 98% Quartz , CaCO , CaSO

08 206-517G-221

drywall, drywall compound white, It. brown, off white

**Asbestos** 

\* None detected. This sample contains approx. 10% Cellulose, 90% CaCO, CaSO, Binder

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Analyst: Kurt Kettler

By: Russell Nassof

### **BULK MATERIAL REPORT**

LAB: 16185

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

Client

By:

Received: 11/8/94

Reported: 11/18/94

SAMPLE

IDENTIFICATION

206-517G-222

covebase

black

FEDERAL EXPRESS

REPORT Laboratory Analysis: BULK MATERIAL

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

Shipped via:

**PARAMETER** Asbestos

**TEST RESULTS** 

None detected. This sample contains approx.

100% CaCO, Binder

10

206-517G-223 covebase mastic it. brown, yellow

Asbestos .

Trace detected. This sample contains approx.

trace Tremolite, 2% Talc, 97% CaCO, Binder

11

206-517G-224 covebase dk. gray

**Asbestos** 

None detected. This sample contains approx.

100% CaCO, Binder

12

206-517G-225 covebase mastic clear

**Asbestos** 

None detected. This sample contains approx.

100% Binder

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Analyst: Kurt Kettler

By: Russell Nassof

### **ENVIRONMENTAL MANAGEMENT CONSULTANTS BULK MATERIAL REPORT**

LAB:

16185

Methodology: EPA 600/M4-82-020

Proj: 206

Client

Ву:

Received: 11/8/94 Reported: 11/18/94

SAMPLE	
13	

Shipped via:

IDENTIFICATION 206-517G-226

REPORT Laboratory Analysis: BULK MATERIAL

FEDERAL EXPRESS

roofing material

dk. brown

Client: R & H ASSOCIATES Reported to: Ron Holtz

Sampled from: 206

**PARAMETER** 

**Asbestos** 

**TEST RESULTS** 

Positive. This sample contains approx.

15% Chrysotile, 5% Cellulose, 10% Fiberglass, 70%

CaCO, Binder

14 206-517G-227 insulation

It. brown

Asbestos .

None detected. This sample contains approx.

30% Mineral Wool, 50% Fiberglass, 20% CaCO.

Binder

15 206-517G-228

> TSI It. brown

Asbestos

None detected. This sample contains approx.

trace Cellulose, 15% Mineral Wool, 30% Fiberglass,

54% CaCO, Binder

16 206-517G-229

> TSI It. gray

Asbestos

Positive. This sample contains approx.

40% Chrysotile, 50% Cellulose, 10% Binder

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Analyst: Kurt Kettler

By: Russell Nassof

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

**BULK MATERIAL REPORT** 

LAB: 16185

Methodology: EPA 600/M4-82-020

Proj: 206

By: Client

Received: 11/8/94 Reported: 11/18/94

Shipped via: IDENTIFICATION SAMPLE

17

Sampled from: 206

FEDERAL EXPRESS

joint compound

REPORT Laboratory Analysis: BULK MATERIAL

PARAMETER

**TEST RESULTS** 

206-517G-230 Asbestos

None detected. This sample contains approx.

trace Cellulose, 2% Talc, 97% CaCO, Binder

white

Client: R & H ASSOCIATES Reported to: Ron Holtz

> 18 206-517G-231

plaster tan

Asbestos

None detected. This sample contains approx.

100% Quartz , CaCO , CaSO , Binder

19 206-517G-232

gypsum board

white

**Asbestos** 

None detected. This sample contains approx.

100% CaCO, CaSO

20 206-517G-233

> ceiling tile white

**Asbestos** 

None detected. This sample contains approx.

20% Mineral Wool, 75% Fiberglass, 5% CaCO,

Binder

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Analyst: Kurt Kettler

By: Russell Nassof

**BULK MATERIAL REPORT** 

LAB: 16185

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

7 (O). 200

Passiv

Received: 11/8/94

Reported: 11/18/94

SAMPLE

**IDENTIFICATION** 

REPORT Laboratory Analysis: BULK MATERIAL

FEDERAL EXPRESS

**PARAMETER** 

**TEST RESULTS** 

21

Shipped via:

206-517G-234

Asbestos

None detected. This sample contains approx.

floor tile

tan

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

100% Quartz , CaCO , Binder

22

206-517G-235

floor tile mastic dk. brown

Asbestos .

None detected. This sample contains approx.

100% CaCO, Binder

23

206-517G-236

ceiling tile

Asbestos

None detected. This sample contains approx.

40% Cellulose, 20% Mineral Wool, 20% Fiberglass,

20% Perlite , Binder

24

206-517G-237

ceiling tile

white

Asbestos

None detected. This sample contains approx.

10% Mineral Wool, 85% Fiberglass, 5% CaCO.

Binder

FOR COMPOSITE ANALYSIS; THIS SAMPLE IS INHOMOGENEOUS, EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

THE REPORT APPLIES TO THE STANDARDS OR PROCEDURES IDENTIFIED AND TO THE SAMPLE(S) TESTED. THE TEST RESULTS ARE NOT NECESSARILY INDICATIVE OR REPRESENTATIVE OF THE QUALITIES OF THE LOT FROM WHICH THE SAMPLE WAS TAKEN OR OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE RENDERED UPON THE CONDITION THAT THEY WILL NOT BE REPRODUCED WHOLLY OR IN PART FOR ADVERTISING OR OTHER PURPOSES OVER OUR SIGNATURE OR IN CONNECTION WITH OUR NAME WITHOUT SPECIAL WRITTEN PERMISSION. SAMPLES NOT DESTROYED IN TESTING ARE RETAINED A MAXIMUM OF THIRTY DAYS.

ACCREDITED BY THE NATIONAL INSTITUTE OF STANDARDS TECHNOLOGY, VOLUNTARY LABORATORY ACCREDITATION PROGRAM FOR SELECTED TEST METHOD FOR ASBESTOS. THE ACCREDITATION OR ANY REPORTS GENERATED BY THIS LABORATORY IN NO WAY CONSTITUTES OR IMPLIES PRODUCT CERTIFICATION, APPROVAL, OR ENDORSEMENT BY THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY. ALL ANALYSES ARE DERIVED FROM CALIBRATED VISUAL ESTIMATE UNLESS OTHERWISE NOTED. POLARIZED-LIGHT IS NOT CONSISTENTLY RELIABLE IN DETECTING ASBESTOS IN FLOOR COVERINGS AND SIMILAR NON-FRIABLE ORGANICALLY BOUND MATERIALS. QUANTITATIVE TRANSMISSION ELECTRON MICROSCOPY IS CURRENTLY THE ONLY METHOD THAT CAN BE USED TO DETERMINE IF THIS MATERIAL CAN BE CONSIDERED OR TREATED AS NON-ASBESTOS-CONTAINING.

Analyst: Kurt Kettler

By: Russell Nassof

### **BULK MATERIAL REPORT**

LAB: 16185

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Shipped via: FEDERAL EXPRESS

Reported to: Ron Holtz

Sampled from: 206

Client: R & H ASSOCIATES

**Received:** 11/8/94

Reported: 11/18/94

SAMPLE

IDENTIFICATION

REPORT Laboratory Analysis: BULK MATERIAL

PARAMETER

**TEST RESULTS** 

ceiling tile mastic

206-517G-238

brown

Asbestos

5% Fiberglass, 95% CaCO, Binder

26

206-517G-239

plaster tan

Asbestos .

None detected. This sample contains approx.

None detected. This sample contains approx.

2% Cellulose, 98% Quartz , CaCO , CaSO , Binder

27

206-517G-240

covebase black

**Asbestos** 

None detected. This sample contains approx.

100% CaCO, Binder

28

206-517F-241

fiber board

brown

**Asbestos** 

None detected. This sample contains approx.

99% Cellulose, 1% Binder

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

### **BULK MATERIAL REPORT**

LAB: 16185

Methodology: EPA 600/M4-82-020

Proj: 206

By: Client

Shipped via: FEDERAL EXPRESS

Client: R & H ASSOCIATES Reported to: Ron Holtz

Sampled from: 206

Received: 11/8/94

Reported: 11/18/94

SAMPLE

**IDENTIFICATION** 

covebase mastic

REPORT Laboratory Analysis: BULK MATERIAL

PARAMETER

**TEST RESULTS** 

206-517G-242

Asbestos

Trace detected. This sample contains approx.

brown

trace Tremolite, 3% Talc, 96% CaCO, Binder

30

206-517G-243

floor tile beige

Asbestos

Positive. This sample contains approx.

2% Chrysotile, 98% Quartz, CaCO, Binder

31

206-517G-244

floor tile mastic

black

**Asbestos** 

None detected. This sample contains approx.

2% Cellulose, 98% Quartz , CaCO , Binder

32

206-517G-245

tape, drywall compound

off white, white

**Asbestos** 

\* Positive. This sample contains approx.

5% Chrysotile, 6% Cellulose, 89% CaCO, Binder

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

### **ENVIRONMENTAL MANAGEMENT CONSULTANTS BULK MATERIAL REPORT**

LAB: 16185

Methodology: EPA 600/M4-82-020

Proj: 206

Bv: Client

Received: 11/8/94

Reported: 11/18/94

SAMPLE

IDENTIFICATION

REPORT Laboratory Analysis: BULK MATERIAL

FEDERAL EXPRESS

**PARAMETER** 

**TEST RESULTS** 

33A

Shipped via:

206-517G-246

Asbestos

None detected. This sample contains approx.

TSI Wrap

white

Client: R & H ASSOCIATES Reported to: Ron Holtz

Sampled from: 206

98% Cellulose, 2% Binder

33B

206-517G-246

mastic black

Asbestos

None detected. This sample contains approx.

30% Cellulose, 5% Mineral Wool, 10% Fiberglass.

55% Quartz, CaCO, Binder

33C

206-517G-246

insulation orange

**Asbestos** 

None detected. This sample contains approx.

60% Mineral Wool, 35% Fiberglass, 5% Binder

34A

206-517G-247

TSI Wrap

white

Asbestos

None detected. This sample contains approx.

98% Cellulose, 2% Binder

'FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

**BULK MATERIAL REPORT** 

LAB: 16185

Methodology: EPA 600/M4-82-020

Proi: 206

By: Client

Received: 11/8/94 Reported: 11/18/94

SAMPLE

IDENTIFICATION

206-517G-247

REPORT Laboratory Analysis: BULK MATERIAL

FEDERAL EXPRESS

**PARAMETER** 

**TEST RESULTS** 

**Asbestos** 

None detected. This sample contains approx.

trace Cellulose, 15% Mineral Wool, 25% Fiberglass,

59% CaCO, Binder

TSI

35

36

34B

Shipped via:

It. gray

Client: R & H ASSOCIATES Reported to: Ron Holtz

Sampled from: 206

Asbestos

None detected. This sample contains approx.

trace Cellulose, 99% Quartz , CaCO , CaSO ,

plaster

white, tan

206-517G-248

Asbestos

None detected. This sample contains approx.

trace Cellulose, 99% Quartz, CaCO, CaSO,

Binder

plaster

white, tan

206-517G-249

37 206-517G-250

> floor tile beige

Asbestos

Positive. This sample contains approx.

3% Chrysotile, 97% Quartz , CaCO , Binder

'FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

### **BULK MATERIAL REPORT**

LAB: 16185

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/18/94

Shipped via:

SAMPLE

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

FEDERAL EXPRESS

REPORT Laboratory Analysis: BULK MATERIAL

IDENTIFICATION

**PARAMETER** 

**TEST RESULTS** 

**Asbestos** 

Positive. This sample contains approx.

10% Chrysotile, 15% Cellulose, 75% CaCO, Binder

39A

206-517G-252

206-517G-251

floor tile mastic

TSI Wrap off white

black

Asbestos

None detected. This sample contains approx.

98% Cellulose, 2% Binder

39B 206-517G-252

> TSI It. gray

Asbestos

None detected. This sample contains approx.

10% Mineral Wool, 30% Fiberglass, 60% CaCO,

Binder, Diatoms

40 206-517G-253

> plaster white

**Asbestos** 

None detected. This sample contains approx.

1% Cellulose, 99% Quartz, CaCO, Binder

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Analyst: Kurt Kettler

By: Russell Nassof

### **BULK MATERIAL REPORT**

LAB: 16185

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

Client

By:

Received: 11/8/94

Reported: 11/18/94

SAMPLE

Shipped via:

IDENTIFICATION

REPORT Laboratory Analysis: BULK MATERIAL

FEDERAL EXPRESS

**PARAMETER Asbestos** 

**TEST RESULTS** 

206-517G-254

plaster white, brown

None detected. This sample contains approx.

100% Quartz , CaSO , Binder

42 206-517G-255

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

ceiling tile It. brown

Asbestos

None detected. This sample contains approx.

40% Cellulose, 10% Mineral Wool, 25% Fiberglass,

25% Perlite , Binder

43 206-517G-256

floor tile beige

**Asbestos** 

Positive. This sample contains approx.

2% Chrysotile, 98% Quartz, CaCO, Binder

44 206-517G-257

floor tile mastic

black

Asbestos

Trace detected. This sample contains approx.

trace Chrysotile, 2% Cellulose, 97% Quartz , CaCO

, Binder

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Analyst: Kurt Kettler

By: Russell Nassof

**BULK MATERIAL REPORT** 

LAB: 16185

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/18/94

Shipped via:

SAMPLE

IDENTIFICATION

206-517G-258

ceiling tile

white

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

REPORT Laboratory Analysis: BULK MATERIAL

FEDERAL EXPRESS

**PARAMETER** 

**TEST RESULTS** 

Asbestos

None detected. This sample contains approx.

2% Cellulose, 10% Mineral Wool, 80% Fiberglass.

8% CaCO, Binder

46

206-517G-259

plaster white, tan Asbestos

None detected. This sample contains approx.

100% Quartz , CaCO , CaSO , Binder

47

206-517G-260

plaster

tan

Asbestos

None detected. This sample contains approx.

trace Cellulose, 99% Quartz , CaCO , CaSO ,

Binder

48

206-517G-261

drywall

white

**Asbestos** 

None detected. This sample contains approx.

2% Cellulose, 98% CaCO, CaSO

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Analyst: Kurt Kettler

By: Russell Nassof

**BULK MATERIAL REPORT** 

LAB: 16185

REPORT Laboratory Analysis: BULK MATERIAL

Methodology: EPA 600/M4-82-020

Client: R & H ASSOCIATES

P/O#:

Reported to: Ron Holtz

Proj: 206

Sampled from: 206

By: Client

Shipped via: FEDERAL EXPRESS **Received:** 11/8/94

Reported: 11/18/94

SAMPLE

IDENTIFICATION

**PARAMETER** 

**TEST RESULTS** 

206-517G-262

206-517G-263

ceiling tile

Asbestos

None detected. This sample contains approx.

stucco

100% Quartz, CaCO, CaSO, Binder

beige

50

51

Asbestos .

None detected. This sample contains approx.

20% Cellulose, 10% Mineral Wool, 20% Fiberglass,

50% Perlite, Binder

It. brown

206-517G-264

covebase

**Asbestos** 

None detected. This sample contains approx.

trace Cellulose, 99% CaCO, Binder

52 206-517G-265

black

covebase mastic

prown

**Asbestos** 

Trace detected. This sample contains approx.

trace Tremolite, 5% Talc, 94% CaCO, Binder

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Analyst: Kurt Kettler

By: Russell Nassof

**BULK MATERIAL REPORT** 

LAB: 16185

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/18/94

Sampled from: 206 Shipped via:

**FEDERAL EXPRESS** 

REPORT Laboratory Analysis: BULK MATERIAL

SAMPLE

**IDENTIFICATION** 

206-517G-266

TSI

Client: R & H ASSOCIATES

Reported to: Ron Holtz

PARAMETER

Asbestos

**TEST RESULTS** 

None detected. This sample contains approx.

20% Mineral Wool, 20% Fiberglass, 60% CaCO.

Binder, Diatoms

54

206-517G-267

floor tile gray

Asbestos .

Positive. This sample contains approx.

2% Chrysotile, 98% Quartz, CaCO, Binder

55

206-517G-268

floor tile mastic

black

Asbestos

None detected. This sample contains approx.

2% Cellulose, 98% Quartz, CaCO, Binder

56

206-517G-269

floor tile

tan

Asbestos

None detected. This sample contains approx.

trace Cellulose, 99% Quartz, CaCO

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS, EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

THE REPORT APPLIES TO THE STANDARDS OR PROCEDURES IDENTIFIED AND TO THE SAMPLE(S) TESTED. THE TEST RESULTS ARE NOT NECESSARILY INDICATIVE OR REPRESENTATIVE OF THE QUALITIES OF THE LOT FROM WHICH THE SAMPLE WAS TAKEN OR OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE RENDERED UPON THE CONDITION THAT THEY WILL NOT BE REPRODUCED WHOLLY OR IN PART FOR ADVERTISING OR OTHER PURPOSES OVER OUR SIGNATURE OR IN CONNECTION WITH OUR NAME WITHOUT SPECIAL WRITTEN PERMISSION. SAMPLES NOT DESTROYED IN TESTING ARE RETAINED A MAXIMUM OF THIRTY DAYS.

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Analyst: Kurt Kettler

By: Russell Nassof

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

### **BULK MATERIAL REPORT**

LAB: 16185

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Piuj. 200

Pagaiwad.

Received: 11/8/94

Reported: 11/18/94

SAMPLE 57

Shipped via:

IDENTIFICATION

REPORT Laboratory Analysis: BULK MATERIAL

FEDERAL EXPRESS

PARAMETER Asbestos TEST RESULTS

7 206-517G-270

floor tile mastic

brown

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

...

None detected. This sample contains approx.

trace Cellulose, 99% CaCO, Binder

58

206-517G-271 ceiling tile

white

Asbestos .

None detected. This sample contains approx.

trace Cellulose, 20% Mineral Wool, 75% Fiberglass.

4% CaCO, Binder

59

206-517G-272

ceiling tile

Asbestos

None detected. This sample contains approx.

30% Cellulose, 15% Mineral Wool, 30% Fiberglass,

25% Perlite, Binder

60A

206-517G-273

drywall

white, It. brown

**Asbestos** 

None detected. This sample contains approx.

10% Cellulose, 90% CaCO, CaSO

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

THE REPORT APPLIES TO THE STANDARDS OR PROCEDURES IDENTIFIED AND TO THE SAMPLE(S) TESTED. THE TEST RESULTS ARE NOT NECESSARILY INDICATIVE OR REPRESENTATIVE OF THE QUALITIES OF THE LOT FROM WHICH THE SAMPLE WAS TAKEN OR OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE RENDERED UPON THE CONDITION THAT THEY WILL NOT BE REPRODUCED WHOLLY OR IN PART FOR ADVERTISING OR OTHER PURPOSES OVER OUR SIGNATURE OR IN CONNECTION WITH OUR NAME WITHOUT SPECIAL WRITTEN PERMISSION. SAMPLES NOT DESTROYED IN TESTING ARE RETAINED A MAXIMUM OF THIRTY DAYS.

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Analyst: Kurt Kettler

By: Russell Nassof

### **BULK MATERIAL REPORT**

LAB: 16185

Methodology: EPA 600/M4-82-020

P/O#:

**Proi: 206** 

By: Client

Received: 11/8/94

Reported: 11/18/94

SAMPLE

Shipped via:

IDENTIFICATION

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

REPORT Laboratory Analysis: BULK MATERIAL

FEDERAL EXPRESS

**PARAMETER** 

**TEST RESULTS** 

206-517G-273

drywall compound off white

**Asbestos** 

None detected. This sample contains approx.

2% Cellulose, 98% CaCO, Binder

61

206-517G-274

mastic brown

Asbestos

None detected. This sample contains approx.

100% CaCO, Binder

62

206-517G-275

plaster tan

**Asbestos** 

None detected. This sample contains approx.

100% Quartz, CaCO, CaSO, Binder

63

206-517G-276

floor tile

beige

Asbestos

Positive. This sample contains approx.

3% Chrysotile, 97% Quartz, CaCO, Binder

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

LAB: 16185

**REPORT Laboratory Analysis: BULK MATERIAL** 

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Shipped via:

FEDERAL EXPRESS

Received: 11/8/94

Reported: 11/18/94

Page 18 of 27

SAMPLE 64

IDENTIFICATION 206-517G-277

floor tile mastic

**PARAMETER Asbestos** 

**TEST RESULTS** 

None detected. This sample contains approx.

100% CaCO, Binder

black

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

65

206-517G-278

drywall

white, brown

Asbestos

None detected. This sample contains approx.

15% Cellulose, 85% CaCO, CaSO

66

206-517G-279

ceiling tile white

**Asbestos** 

None detected. This sample contains approx.

20% Mineral Wool, 70% Fiberglass, 10% CaCO.

Binder

67

206-517G-280

plaster white

Asbestos

None detected. This sample contains approx.

100% CaCO, CaSO, Binder

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS, EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

### **ENVIRONMENTAL MANAGEMENT CONSULTANTS BULK MATERIAL REPORT**

LAB: 16185

Methodology: EPA 600/M4-82-020

Proj: 206

By: Client

Shipped via:

Sampled from: 206

Client: R & H ASSOCIATES Reported to: Ron Holtz

FEDERAL EXPRESS

REPORT Laboratory Analysis: BULK MATERIAL

PARAMETER **TEST RESULTS** 

Reported: 11/18/94

SAMPLE

68

IDENTIFICATION 206-517G-281

plaster

tan

Asbestos

Received: 11/8/94

None detected. This sample contains approx.

100% Quartz, CaCO, CaSO, Binder

69A

206-517G-282

TSI Wrap white

Asbestos

None detected. This sample contains approx.

98% Cellulose, 2% Binder

69B

206-517G-282

mastic black

**Asbestos** 

None detected. This sample contains approx.

30% Fiberglass, 70% Binder

69C

206-517G-282

TSI

orange

Asbestos

None detected. This sample contains approx.

98% Fiberglass, 2% Binder

'FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS, EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

**BULK MATERIAL REPORT** 

LAB: 16185

Methodology: EPA 600/M4-82-020

P/O#:

**Proi: 206** 

Client

By:

Received: 11/8/94

Reported: 11/18/94

SAMPLE

IDENTIFICATION

REPORT Laboratory Analysis: BULK MATERIAL

FEDERAL EXPRESS

**PARAMETER** 

**TEST RESULTS** 

70A -

Shipped via:

206-517G-283

**Asbestos** 

None detected. This sample contains approx.

TSI Wrap

white

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

98% Cellulose, 2% Binder

70B

206-517G-283

TSI

It. gray

Asbestos

None detected. This sample contains approx.

20% Mineral Wool, 20% Fiberglass, 60% CaCO,

Binder

71A

206-517G-284

vapor barrier

black

Asbestos

Positive. This sample contains approx.

30% Chrysotile, 2% Cellulose, 68% CaCO, Binder

71B

206-517G-284

insulation

orange

**Asbestos** 

None detected. This sample contains approx.

98% Fiberglass, 2% Binder

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Analyst: Kurt Kettler

By: Russell Nassof

### **ENVIRONMENTAL MANAGEMENT CONSULTANTS BULK MATERIAL REPORT**

LAB: 16185

REPORT Laboratory Analysis: BULK MATERIAL

Methodology: EPA 600/M4-82-020

Client: R & H ASSOCIATES

P/O#:

Reported to: Ron Holtz

Proj: 206

Sampled from: 206

By: Client

Shipped via: FEDERAL EXPRESS Received: 11/8/94

Reported: 11/18/94

SAMPLE

**IDENTIFICATION** 

**PARAMETER** 

**TEST RESULTS** 

206-517G-285

floor tile beige

Asbestos

Positive. This sample contains approx.

5% Chrysotile, 95% Quartz, CaCO, Binder

73

206-517G-286

floor tile mastic

black

Asbestos

Positive. This sample contains approx.

3% Chrysotile, 10% Cellulose, 3% Synthetics, 84%

Quartz, CaCO, Binder

74

206-517G-287

plaster white

Asbestos

None detected. This sample contains approx.

100% Quartz , CaCO , CaSO , Binder

75

206-517G-288

drywall white

Asbestos

None detected. This sample contains approx.

trace Cellulose, 99% CaCO, CaSO

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Analyst: Kurt Kettler

By: Russell Nassof

### **BULK MATERIAL REPORT**

LAB: 16185

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

Ву: Client

Received: 11/8/94

Reported: 11/18/94

SAMPLE

Shipped via:

IDENTIFICATION

REPORT Laboratory Analysis: BULK MATERIAL

FEDERAL EXPRESS

**PARAMETER** 

**TEST RESULTS** 

**Asbestos** 

206-517G-289

plaster off white None detected. This sample contains approx. 2% Wollastonite, 98% CaCO, CaSO, Binder

77 206-517G-290

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

stucco brown

Asbestos None detected. This sample contains approx.

100% Quartz , CaCO , CaSO , Binder

78 206-517G-291

> covebase dk. gray

Asbestos

None detected. This sample contains approx.

100% CaCO, Binder

79 206-517G-292

covebase mastic

yellow

**Asbestos** 

None detected. This sample contains approx.

100% CaCO, Binder

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Analyst: Kurt Kettler

By: Russell Nassof

plaster

white

82

off white

206-517G-295

## **ENVIRONMENTAL MANAGEMENT CONSULTANTS**

### **BULK MATERIAL REPORT**

LAB: 16185

100% Quartz , CaCO , CaSO , Binder

REPORT Laboratory Analysis: BULK MATERIAL Methodology: EPA 600/M4-82-020

Client: R & H ASSOCIATES P/O#:

Reported to: Ron Holtz Proj: 206 Sampled from: 206 By: Client

Shipped via: FEDERAL EXPRESS Received: 11/8/94 Reported: 11/18/94

IDENTIFICATION PARAMETER **TEST RESULTS** SAMPLE 80 206-517G-293 Asbestos None detected. This sample contains approx. mastic 100% CaCO, Binder brown 81 206-517G-294 Asbestos None detected. This sample contains approx.

Asbestos None detected. This sample contains approx. ceiling tile 40% Cellulose, 10% Mineral Wool, 40% Fiberglass, off white 10% Perlite, Binder

83 206-517G-296 **Asbestos** Positive. This sample contains approx. floor tile

3% Chrysotile, 2% Wollastonite, 95% Quartz,

CaCO, Binder

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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By: Russell Nassof

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094 4455 EAST CAMELBACK ROAD, SUITE D-155 PHOENIX, ARIZONA 85018 (602) 840-8012 FAX: (602) 990-8468

Analyst: Kurt Kettler

### **BULK MATERIAL REPORT**

LAB: 16185

Methodology: EPA 600/M4-82-020

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/18/94

SAMPLE

Shipped via:

84

IDENTIFICATION

FEDERAL EXPRESS

REPORT Laboratory Analysis: BULK MATERIAL

PARAMETER

Asbestos

**TEST RESULTS** 

206-517G-297

floor tile mastic

black

Client: R & H ASSOCIATES Reported to: Ron Holtz

Sampled from: 206

None detected. This sample contains approx.

trace Cellulose, 99% Quartz, CaCO, Binder

85

206-517G-298

ceiling tile

white

Asbestos .

None detected. This sample contains approx.

10% Mineral Wool, 85% Fiberglass, 5% CaCO.

Binder

86

206-517G-299

plaster

white, tan

Asbestos

None detected. This sample contains approx.

100% Quartz, CaCO, CaSO, Binder

87

206-517G-300

plaster

tan

**Asbestos** 

None detected. This sample contains approx.

100% Quartz, CaCO, CaSO, Binder

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

THE REPORT APPLIES TO THE STANDARDS OR PROCEDURES IDENTIFIED AND TO THE SAMPLE(S) TESTED. THE TEST RESULTS ARE NOT NECESSARILY INDICATIVE OR REPRESENTATIVE OF THE QUALITIES OF THE LOT FROM WHICH THE SAMPLE WAS TAKEN OR OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE RENDERED UPON THE CONDITION THAT THEY WILL NOT BE REPRODUCED WHOLLY OR IN PART FOR ADVERTISING OR OTHER PURPOSES OVER OUR SIGNATURE OR IN CONNECTION WITH OUR NAME WITHOUT SPECIAL WRITTEN PERMISSION. SAMPLES NOT DESTROYED IN TESTING ARE RETAINED A MAXIMUM OF THIRTY DAYS.

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Analyst: Kurt Kettler

By: Russell Nassof

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

**BULK MATERIAL REPORT** 

LAB: 16185

Methodology: EPA 600/M4-82-020

P/0#:

Proj: 206

By: Client

•

Received: 11/8/94 Reported: 11/18/94

SAMPLE

88

Shipped via: FEDERAL EXPRESS

**IDENTIFICATION** 

206-517G-301

covebase

dk. brown

REPORT Laboratory Analysis: BULK MATERIAL

PARAMETER

**TEST RESULTS** 

Asbestos

None detected. This sample contains approx.

100% CaCO, Binder

89

206-517G-302

covebase mastic

vellow

Client: R & H ASSOCIATES
Reported to: Ron Holtz

Sampled from: 206

Asbestos

None detected. This sample contains approx.

10% Cellulose, 90% CaCO, Binder

90A

206-517G-303

TSI Wrap

white

Asbestos

None detected. This sample contains approx.

98% Cellulose, 2% Binder

90B

206-517G-303

mastic

black

Asbestos

None detected. This sample contains approx.

20% Fiberglass, 80% Binder

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

**BULK MATERIAL REPORT** 

LAB: 16185

Methodology: EPA 600/M4-82-020

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/18/94

SAMPLE

**IDENTIFICATION** 

**REPORT Laboratory Analysis: BULK MATERIAL** 

FEDERAL EXPRESS

**PARAMETER** 

**TEST RESULTS** 

90C

91

Shipped via:

206-517G-303

Asbestos

None detected. This sample contains approx.

98% Fiberglass, 2% Binder

TSI

Client: R & H ASSOCIATES Reported to: Ron Holtz

Sampled from: 206

orange

206-517G-304

TSI

it. brown

Asbestos .

None detected. This sample contains approx.

30% Mineral Wool, 20% Fiberglass, 50% CaCO,

Binder, Diatoms

92A 206-517G-305

vapor barrier

black

**Asbestos** 

Positive. This sample contains approx.

30% Chrysotile, 5% Cellulose, 65% CaCO, Binder

92B 206-517G-305

insulation

orange

**Asbestos** 

None detected. This sample contains approx.

2% Cellulose, 97% Fiberglass, 1% Binder

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Analyst: Kurt Kettler

By: Russell Nassof

### **BULK MATERIAL REPORT**

LAB: 16185

REPORT Laboratory Analysis: BULK MATERIAL

Methodology: EPA 600/M4-82-020

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

**Proi: 206** 

By: Client

Shipped via: **FEDERAL EXPRESS**  Received: 11/8/94 Reported: 11/18/94

SAMPLE

**PARAMETER** 

**TEST RESULTS** 

IDENTIFICATION 206-517G-306

**Asbestos** 

None detected. This sample contains approx.

ceiling tile

40% Cellulose, 20% Mineral Wool, 25% Fiberglass.

It. brown

15% Perlite , Binder

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

### **BULK MATERIAL REPORT**

LAB: 16180

REPORT Laboratory Analysis: BULK MATERIAL

Methodology: EPA 600/M4-82-020

Client: R & H ASSOCIATES

P/O#:

Reported to: Ron Holtz

Proj: 206

Sampled from: 206

By: Client

Shipped via:

FEDERAL EXPRESS

Received: 11/8/94

Reported: 11/18/94

SAMPLE

IDENTIFICATION

PARAMETER

**TEST RESULTS** 

01

206-517G-307 joint compound

beige, white

**Asbestos** 

None detected. This sample contains approx.

100% CaCO, Binder

02

206-517G-308

**Asbestos** 

None detected. This sample contains approx.

covebase

brown

100% CaCO, Binder

03

206-517G-309

covebase mastic

yellow

**Asbestos** 

None detected. This sample contains approx.

100% CaCO, Binder

04

206-517G-310

ceiling tile

white

**Asbestos** 

None detected. This sample contains approx.

30% Mineral Wool, 65% Fiberglass, 5% CaCO,

Binder

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Analyst: Kurt Kettler

By: Russell Nassof

**BULK MATERIAL REPORT** 

LAB: 16180

**REPORT Laboratory Analysis: BULK MATERIAL** 

Methodology: EPA 600/M4-82-020

Client: R & H ASSOCIATES

P/O#:

Reported to: Ron Holtz

Proj: 206

Sampled from: 206

By: Client

Shipped via:

FEDERAL EXPRESS

Received: 11/8/94

Reported: 11/18/94

SAMPLE

IDENTIFICATION

**PARAMETER** 

**TEST RESULTS** 

05

206-517G-311

**Asbestos** 

None detected. This sample contains approx.

mastic

prown

2% Mineral Wool, 2% Fiberglass, 96% Binder

06

206-517G-312

Asbestos

None detected. This sample contains approx.

plaster

white

100% Perlite, Quartz, Binder

07

206-517G-313

ceiling tile

tan

**Asbestos** 

None detected. This sample contains approx.

40% Cellulose, 10% Mineral Wool, 30% Fiberglass,

20% Perlite, Binder

08

206-517G-314

floor tile white

**Asbestos** 

Positive. This sample contains approx.

2% Chrysotile, 98% Quartz, CaCO, Binder

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Analyst: Kurt Kettler

By: Russell Nassof

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

#### **BULK MATERIAL REPORT**

LAB: 16180

REPORT Laboratory Analysis: BULK MATERIAL

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

Shipped via:

**FEDERAL EXPRESS** 

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/18/94

SAMPLE

**IDENTIFICATION** 

09 206-517G-315 floor tile mastic

black

**PARAMETER** 

**Asbestos** 

**TEST RESULTS** 

Positive. This sample contains approx.

5% Chrysotile, 95% Quartz, CaCO, Binder

10

206-517G-316

ceiling tile tan

**Asbestos** 

None detected. This sample contains approx.

40% Cellulose, 10% Mineral Wool, 30% Fiberglass,

20% Perlite, Binder

11

206-517G-317

drywall white

**Asbestos** 

None detected. This sample contains approx.

3% Cellulose, 97% CaCO, CaSO

12

206-517G-318

plaster white

**Asbestos** 

None detected. This sample contains approx.

100% CaCO, CaSO, Binder

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Analyst: Kurt Kettler

By: Russell Nassof

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

**BULK MATERIAL REPORT** 

LAB: 16180

Methodology: EPA 600/M4-82-020

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/18/94

SAMPLE

**IDENTIFICATION** 

REPORT Laboratory Analysis: BULK MATERIAL

FEDERAL EXPRESS

**PARAMETER** 

**TEST RESULTS** 

13

Shipped via:

Sampled from: 206

206-517G-319

Asbestos

None detected. This sample contains approx.

plaster

tan

Client: R & H ASSOCIATES Reported to: Ron Holtz

100% Quartz, CaCO, CaSO, Binder

14

206-517G-320

ceiling tile

tan

**Asbestos** 

None detected. This sample contains approx.

40% Cellulose, 10% Mineral Wool, 30% Fiberglass,

20% Perlite, Binder

15 206-517G-321

drywall, tape, compound

white, It. brown, tan

**Asbestos** 

\* Trace detected. This sample contains approx.

trace Chrysotile, 23% Cellulose, 76% Quartz.

CaCO , CaSO , Binder

16 206-517G-322

TSI

white

**Asbestos** 

Positive. This sample contains approx.

10% Chrysotile, 10% Mineral Wool, 30% Fiberglass,

50% CaCO, Binder, Diatoms

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

**BULK MATERIAL REPORT** 

LAB: 16180

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

Bv: Client

Received: 11/8/94

Reported: 11/18/94

SAMPLE

Shipped via:

17

**IDENTIFICATION** 

REPORT Laboratory Analysis: BULK MATERIAL

**FEDERAL EXPRESS** 

206-517G-323

plaster white

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

**PARAMETER** 

**Asbestos** 

**TEST RESULTS** 

None detected. This sample contains approx.

100% CaCO, CaSO, Binder

18

206-517G-324

plaster tan

Asbestos

None detected. This sample contains approx.

100% Quartz, CaCO, CaSO, Binder

19

206-517G-325

drywall, tape, compound

white, tan, white

Asbestos

\* None detected. This sample contains approx.

35% Cellulose, 65% CaCO, CaSO, Binder

20

206-517G-326

plaster white

Asbestos

None detected. This sample contains approx.

5% Cellulose, 95% CaSO, Binder

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS, EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

**BULK MATERIAL REPORT** 

LAB: 16180

REPORT Laboratory Analysis: BULK MATERIAL

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

Shipped via:

21

FEDERAL EXPRESS

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/18/94

SAMPLE

IDENTIFICATION

206-517G-327

plaster tan

**PARAMETER** 

**TEST RESULTS** 

**Asbestos** 

None detected. This sample contains approx.

100% Quartz , CaSO , Binder

22

206-517G-328

floor tile white

**Asbestos** 

Positive. This sample contains approx.

3% Chrysotile, 97% Quartz, CaCO, Binder

23

206-517G-329

floor tile mastic

black

**Asbestos** 

Positive. This sample contains approx.

10% Chrysotile, 90% CaCO, Binder

24

206-517G-330

floor tile yellow

**Asbestos** 

None detected. This sample contains approx.

100% Quartz , CaCO , Binder

'FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

**BULK MATERIAL REPORT** 

LAB: 16180

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/18/94

SAMPLE

IDENTIFICATION

REPORT Laboratory Analysis: BULK MATERIAL

**FEDERAL EXPRESS** 

**PARAMETER** 

**TEST RESULTS** 

25

Shipped via:

206-517G-331

**Asbestos** 

None detected. This sample contains approx.

floor tile mastic

black

Client: R & H ASSOCIATES

Reported to: Ron Hoitz

Sampled from: 206

5% Cellulose, 95% CaCO, Binder

26

206-517G-332

ceiling tile white

**Asbestos** 

None detected. This sample contains approx.

10% Mineral Wool, 80% Fiberglass, 10% CaCO,

Binder

27

206-517G-333

ceiling tile

white

**Asbestos** 

None detected. This sample contains approx.

10% Mineral Wool, 80% Fiberglass, 10% CaCO.

Binder

28

206-517G-334

mastic

brown

**Asbestos** 

None detected. This sample contains approx.

100% CaCO, Binder

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Analyst: Kurt Kettler

By: Russell Nassof

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

**BULK MATERIAL REPORT** 

LAB: 16180

REPORT Laboratory Analysis: BULK MATERIAL

Client: R & H ASSOCIATES Reported to: Ron Holtz

Sampled from: 206

Shipped via:

FEDERAL EXPRESS

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/18/94

SAMPLE

29

IDENTIFICATION

plaster white

206-517G-335

Asbestos

PARAMETER **TEST RESULTS** 

None detected. This sample contains approx.

100% Perlite, Quartz, CaSO, Binder

30

206-517G-336 ceiling tile

tan

**Asbestos** 

None detected. This sample contains approx.

40% Cellulose, 10% Mineral Wool, 30% Fiberglass,

20% Perlite, Binder

31

206-517G-337

floor tile blue

**Asbestos** 

Positive. This sample contains approx.

5% Chrysotile, 95% Quartz, CaCO, Binder

32

206-517G-338

floor tile mastic

black

Asbestos

None detected. This sample contains approx.

100% Quartz, CaCO, Binder

'FOR COMPOSITÉ ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS, EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

#### **BULK MATERIAL REPORT**

LAB: 16180

REPORT Laboratory Analysis: BULK MATERIAL

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

Shipped via:

FEDERAL EXPRESS

Methodology: EPA 600/M4-82-020

P/O#:

**Proi: 206** 

Ву: Client

Received: 11/8/94

Reported: 11/18/94

SAMPLE

IDENTIFICATION

33 206-517G-339

> ceiling tile tan

**PARAMETER** 

**TEST RESULTS** 

None detected. This sample contains approx.

40% Cellulose, 10% Mineral Wool, 30% Fiberglass,

20% Perlite, Binder

34

206-517G-340

plaster white

**Asbestos** 

**Asbestos** 

None detected. This sample contains approx.

100% Quartz , CaCO , CaSO , Binder

35

206-517G-341

plaster

tan

**Asbestos** 

None detected. This sample contains approx.

100% Quartz , CaSO , Glass Fragments

36

206-517G-342

covebase black

**Asbestos** 

None detected. This sample contains approx.

100% CaCO, Binder

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Analyst: Kurt Kettler

By: Russell Nassof

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

### **ENVIRONMENTAL MANAGEMENT CONSULTANTS BULK MATERIAL REPORT**

LAB: 16180

REPORT Laboratory Analysis: BULK MATERIAL

Methodology: EPA 600/M4-82-020

Client: R & H ASSOCIATES

P/O#:

Reported to: Ron Holtz

Proj: 206

Sampled from: 206

By: Client

Shipped via:

FEDERAL EXPRESS

Received: 11/8/94

Reported: 11/18/94

SAMPLE

**IDENTIFICATION** 

**PARAMETER** 

**TEST RESULTS** 

37

206-517G-343 covebase mastic **Asbestos** 

Trace detected. This sample contains approx.

trace Tremolite, 10% Talc, 89% Binder

It. brown

38

206-517G-344

Asbestos

\* None detected. This sample contains approx.

drywall, tape, compound

white, It. brown, tan

36% Cellulose, 64% CaCO, CaSO, Binder

39 206-517G-345

TSI

tan

Asbestos

Positive. This sample contains approx.

5% Chrysotile, 10% Mineral Wool, 30% Fiberglass.

55% CaCO, Binder, Diatoms

40 206-517G-346

TSI

tan

**Asbestos** 

Positive. This sample contains approx.

3% Chrysotile, 97% CaCO, Binder, Diatoms

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Analyst: Kurt Kettier

By: Russell Nassof

### **BULK MATERIAL REPORT**

LAB: 16180

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/18/94

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206 Shipped via:

SAMPLE 41

FEDERAL EXPRESS

REPORT Laboratory Analysis: BULK MATERIAL

IDENTIFICATION

206-517G-347

wrap tan

PARAMETER

**Asbestos** 

**TEST RESULTS** 

None detected. This sample contains approx.

80% Cellulose, 3% Fiberglass, 17% CaCO, Binder

42 206-517G-348

> TSI tan

**Asbestos** 

Positive. This sample contains approx.

5% Chrysotile, 10% Mineral Wool, 40% Fiberglass,

45% CaCO, Binder, Diatoms

43 206-517G-349

> plaster white

**Asbestos** 

None detected. This sample contains approx.

5% Cellulose, 95% CaCO, CaSO, Binder

44 206-517G-350

> floor tile yellow

**Asbestos** 

None detected. This sample contains approx.

100% Quartz , CaCO , Binder

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Analyst: Kurt Kettler

By: Russell Nassof

### **BULK MATERIAL REPORT**

**LAB:** 16180

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Received: 11/8/94

4 Repo

Reported: 11/18/94

Sampled from: 206 Shipped via: FED

45

FEDERAL EXPRESS

REPORT Laboratory Analysis: BULK MATERIAL

SAMPLE

**IDENTIFICATION** 

206-517G-351

floor tile mastic

brown

Client: R & H ASSOCIATES

Reported to: Ron Holtz

PARAMETER

Asbestos

**TEST RESULTS** 

None detected. This sample contains approx.

3% Cellulose, 97% Binder

46 206-517G-352 ceiling tile

white

Asbestos

None detected. This sample contains approx.

30% Mineral Wool, 60% Fiberglass, 10% CaCO,

Binder

47 206-517G-353

drywall, tape, compound white, it. brown, white

**Asbestos** 

\* Trace detected. This sample contains approx.

trace Chrysotile, 27% Cellulose, 72% CaCO, CaSO

, Binder

48 206-517G-354

ceiling tile white

**Asbestos** 

None detected. This sample contains approx.

30% Mineral Wool, 65% Fiberglass, 5% CaCO,

Binder

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

**BULK MATERIAL REPORT** 

LAB: 16180

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/18/94

SAMPLE

IDENTIFICATION

REPORT Laboratory Analysis: BULK MATERIAL

FEDERAL EXPRESS

**PARAMETER** 

**TEST RESULTS** 

49

Shipped via:

206-517G-355 ceiling tile mastic

Asbestos

None detected. This sample contains approx.

3% Mineral Wool, 97% CaCO, Binder

brown

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

50 206-517G-356

plaster white

**Asbestos** 

None detected. This sample contains approx.

100% Perlite , Quartz , CaCO , CaSO

51 206-517G-357

floor tile blue **Asbestos** 

Positive. This sample contains approx.

3% Chrysotile, 97% Quartz, CaCO, Binder

52 206-517G-358

floor tile mastic

black

Asbestos

None detected. This sample contains approx.

5% Cellulose, 95% CaCO, Binder

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS, EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

**BULK MATERIAL REPORT** 

LAB: 16180

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Sampled from: 206
Shipped via: FEDERAL EXPRESS

Client: R & H ASSOCIATES

Reported to: Ron Holtz

**Received: 11/8/94** 

Re

None detected. This sample contains approx.

Reported: 11/18/94

SAMPLE

53

IDENTIFICATION

206-517G-359

**REPORT Laboratory Analysis: BULK MATERIAL** 

**PARAMETER** 

**TEST RESULTS** 

plaster

white

Asbestos

100% CaCO, CaSO, Binder

54 206-517G-360

plaster tan **Asbestos** 

None detected. This sample contains approx.

100% Quartz , CaSO , Binder , Glass Fragments

55 206-517G-361

plaster white **Asbestos** 

None detected. This sample contains approx.

5% Cellulose, 95% Quartz , CaCO , CaSO

56 206-517G-362

TSI

tan

Asbestos None detected. This sample contains approx.

2% Cellulose, 40% Mineral Wool, 10% Fiberglass,

48% Quartz , CaCO , Binder , Diatoms

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS, EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

**BULK MATERIAL REPORT** 

LAB: 16180

REPORT Laboratory Analysis: BULK MATERIAL

Client: R & H ASSOCIATES Reported to: Ron Holtz

Sampled from: 206

FEDERAL EXPRESS

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

Ву: Client

**Received: 11/8/94** 

Reported: 11/18/94

SAMPLE

IDENTIFICATION

57

Shipped via:

206-517G-363

mastic black

PARAMETER

**Asbestos** 

**TEST RESULTS** 

Positive. This sample contains approx.

10% Chrysotile, 30% Fiberglass, 60% CaCO.

Binder, Tar

58

206-517G-364

insulation brown

**Asbestos** 

None detected. This sample contains approx.

3% Cellulose, 90% Fiberglass, 7% Binder

59

206-517G-365

covebase black

**Asbestos** 

None detected. This sample contains approx.

100% CaCO, Binder

60

206-517G-366

covebase mastic

yellow

**Asbestos** 

None detected. This sample contains approx.

5% Cellulose, 3% Mineral Wool, 92% CaCO,

Binder

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

THE REPORT APPLIES TO THE STANDARDS OR PROCEDURES IDENTIFIED AND TO THE SAMPLE(S) TESTED. THE TEST RESULTS ARE NOT NECESSARILY INDICATIVE OR REPRESENTATIVE OF THE QUALITIES OF THE LOT FROM WHICH THE SAMPLE WAS TAKEN OR OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE RENDERED UPON THE CONDITION THAT THEY WILL NOT BE REPRODUCED WHOLLY OR IN PART FOR ADVERTISING OR OTHER PURPOSES OVER OUR SIGNATURE OR IN CONNECTION WITH OUR NAME WITHOUT SPECIAL WRITTEN PERMISSION. SAMPLES NOT DESTROYED IN TESTING ARE RETAINED A MAXIMUM OF THIRTY DAYS.

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Analyst: Kurt Kettler

Bv: Russell Nassof

### **BULK MATERIAL REPORT**

LAB: 16180

REPORT Laboratory Analysis: BULK MATERIAL

Client: R & H ASSOCIATES

tan

Reported to: Ron Holtz

Sampled from: 206

Shipped via:

61

FEDERAL EXPRESS

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/18/94

SAMPLE

IDENTIFICATION

206-517G-367

PARAMETER

**Asbestos** 

**TEST RESULTS** 

None detected. This sample contains approx.

40% Cellulose, 20% Mineral Wool, 20% Fiberglass.

20% Perlite , Binder

62

206-517G-368

floor tile white

**Asbestos** 

Positive. This sample contains approx.

3% Chrysotile, 97% Quartz , CaCO , Binder

63

206-517G-369

floor tile mastic

black

**Asbestos** 

Positive. This sample contains approx.

10% Chrysotile, 3% Cellulose, 3% Synthetics, 84%

CaCO, Binder

64

206-517G-370

plaster white

**Asbestos** 

None detected. This sample contains approx.

100% CaCO, Binder

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

By: Russell Nassof

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

### **BULK MATERIAL REPORT**

LAB: 16180

REPORT Laboratory Analysis: BULK MATERIAL

Client: R & H ASSOCIATES

Reported to: Ron Holtz

Sampled from: 206

Shipped via: FEDERAL EXPRESS

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/18/94

SAMPLE

**IDENTIFICATION** 

65 206-517G-371

transite

It. brown, white

**PARAMETER** 

**TEST RESULTS** 

**Asbestos** 

Positive. This sample contains approx.

30% Chrysotile, 70% CaCO, Binder

66

206-517G-372

mastic brown

Asbestos

Trace detected. This sample contains approx.

trace Tremolite, 10% Talc, 89% CaCO, Binder

67

206-517G-373

plaster white

Asbestos

None detected. This sample contains approx.

100% Perlite, Quartz, CaSO, Binder

68

206-517G-374

plaster

white

**Asbestos** 

None detected. This sample contains approx.

100% Quartz, CaCO, Binder

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS. EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

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Analyst: Kurt Kettler

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

**BULK MATERIAL REPORT** 

LAB: 16180

**REPORT Laboratory Analysis: BULK MATERIAL** 

Methodology: EPA 600/M4-82-020

Client: R & H ASSOCIATES

P/O#:

Reported to: Ron Holtz

Proj: 206

Sampled from: 206

Bv: Client

Shipped via:

FEDERAL EXPRESS Received: 11/8/94

Reported: 11/18/94

SAMPLE

**IDENTIFICATION** 

PARAMETER

**TEST RESULTS** 

69

206-517G-375

Asbestos

Positive. This sample contains approx.

transite

It. brown, white

30% Chrysotile, 70% CaCO, Binder

70

206-517G-376

**Asbestos** 

None detected. This sample contains approx.

plaster

tan

100% Quartz, CaCO, Binder

71 206-517G-377

> caulk brown

**Asbestos** 

None detected. This sample contains approx.

100% CaCO, Binder

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Analyst: Kurt Kettler

By: Russell Nassof

### **BULK MATERIAL REPORT**

LAB: 16178

REPORT Laboratory Analysis: BULK MATERIAL

Methodology: EPA 600/M4-82-020

Client: R & H ASSOCIATES

P/O#:

Reported to: Ron Holtz

Proj: 206

Client

Sampled from: 206

By:

Shipped via:

**FEDERAL EXPRESS** 

Received: 11/8/94

Reported: 11/17/94

SAMPLE

IDENTIFICATION

**PARAMETER** 

**TEST RESULTS** 

01A

206-517G-378

Asbestos

Positive. This sample contains approx.

pipe cover

5% Chrysotile, 50% Cellulose, 20% Fiberglass, 25%

beige, off white

Quartz, CaCO, CaSO, Diatoms

01B

206-517G-378

Asbestos

Positive. This sample contains approx.

pipe insulation

5% Chrysotile, 40% Fiberglass, 55% Quartz, CaCO

gray

, CaSO , Binder

02

206-517G-379

roof mastic gray, black

Asbestos

Asbestos

None detected. This sample contains approx.

3% Cellulose, 97% Quartz, Binder

03

206-517G-380

insulation

black

None detected. This sample contains approx.

2% Cellulose, 98% Quartz, Binder

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Analyst: Ken Hokanson

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

12/100

### **BULK MATERIAL REPORT**

LAB: 16178

REPORT Laboratory Analysis: BULK MATERIAL

Client: R & H ASSOCIATES

IDENTIFICATION

Reported to: Ron Holtz

Sampled from: 206

Shipped via:

FEDERAL EXPRESS

Methodology: EPA 600/M4-8

P/O#:

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/1

SAMPLE

04A

206-517G-381 pipe cover

beige

**PARAMETER** 

**TEST RESULTS** 

**Asbestos** 

None detected. This sample contains app 60% Cellulose, 20% Fiberglass, 20% Qua

, CaSO , Binder , Diatoms

04B

206-517G-381 pipe insulation

gray

Asbestos

None detected. This sample contains app

40% Fiberglass, 60% Quartz, CaCO, Ca

**Diatoms** 

05

206-517G-382 transite panel

gray

Asbestos

Positive. This sample contains approx.

20% Chrysotile, 80% Quartz , CaCO , Cat

Binder

06

206-517G-383 pipe insulation it. gray

Asbestos

None detected. This sample contains apply

30% Fiberglass, 70% Quartz, CaCO, Ca

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Analyst: Ken Hokanson

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

### **BULK MATERIAL REPORT**

LAB: 16178

REPORT Laboratory Analysis: BULK MATERIAL

Reported to: Ron Holtz

Client: R & H ASSOCIATES

Sampled from: 206

Shipped via:

07A

FEDERAL EXPRESS

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/17/94

SAMPLE

IDENTIFICATION

206-517G-384

pipe cover

beige

**PARAMETER** 

**Asbestos** 

**TEST RESULTS** 

None detected. This sample contains approx.

60% Cellulose, 20% Fiberglass, 20% Quartz, CaCO

, CaSO , Diatoms

07B

206-517G-384

pipe insulation

dk. gray

Asbestos

None detected. This sample contains approx.

40% Fiberglass, 60% Quartz, CaCO, CaSO,

Diatoms

08A

206-517G-385

roofing material

white, black

**Asbestos** 

None detected. This sample contains approx.

10% Fiberglass, 90% Quartz , CaCO , Binder

08B

206-517G-385

roofing felt

black

**Asbestos** 

None detected. This sample contains approx.

20% Fiberglass, 80% Quartz, Binder

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Analyst: Ken Hokanson

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

12.Ad

SAMPLE 08C

# **ENVIRONMENTAL MANAGEMENT CONSULTANTS**

**BULK MATERIAL REPORT** 

LAB: 16178

Methodology: EPA 600/M4-82-020

Proj: 206

By: Client

Received: 11/8/94 Reported: 11/17/94

Reported to: Ron Holtz

Client: R & H ASSOCIATES

Sampled from: 206

Shipped via: FEDERAL EXPRESS

206-517G-385

REPORT Laboratory Analysis: BULK MATERIAL

IDENTIFICATION **PARAMETER** 

**TEST RESULTS** 

**Asbestos** None detected. This sample contains approx.

60% Cellulose, 40% Perlite, Binder

roofing, insulation

brown

09A 206-517G-386

roofing material white, black

**Asbestos** None detected. This sample contains approx.

20% Fiberglass, 80% Quartz, CaCO, Binder

09B 206-517G-386

> roofing felt black

**Asbestos** 

None detected. This sample contains approx.

20% Fiberglass, 80% Quartz, Binder

09C 206-517G-386

roofing felt

black

**Asbestos** 

None detected. This sample contains approx.

20% Fiberglass, 80% Quartz, Binder

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Kont 2 Ado

Analyst: Ken Hokanson

**BULK MATERIAL REPORT** 

LAB: 16178

REPORT Laboratory Analysis: BULK MATERIAL

Methodology: EPA 600/M4-82-020

Client: R & H ASSOCIATES

P/O#:

Reported to: Ron Holtz

Proj: 206

Sampled from: 206

By: Client

Shipped via: FEDERAL EXPRESS Received: 11/8/94

Reported: 11/17/94

SAMPLE

IDENTIFICATION PARAMETER

**TEST RESULTS** 

09D

206-517G-386 roofing felt

**Asbestos** 

None detected. This sample contains approx.

20% Fiberglass, 80% Quartz, Binder

09E

206-517G-386

Asbestos

None detected. This sample contains approx.

roofing, insulation

brown

black

60% Cellulose, 40% Perlite, Binder

10

206-517G-387 roof mastic

**Asbestos** 

None detected. This sample contains approx.

dk. brown, black

15% Cellulose, 85% Quartz , CaCO , Binder

11 206-517G-388

roof mastic

dk. brown, black

Asbestos

None detected. This sample contains approx.

15% Cellulose, 85% Quartz , CaCO , Binder

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Analyst: Ken Hokanson

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

**BULK MATERIAL REPORT** 

LAB: 16178

Methodology: EPA 600/M4-82-020

P/0#:

Proj: 206

By: Client

P10j. 200

Received: 11/8/94

ed: 11/8/94 Reported: 11/17/94

SAMPLE

Shipped via:

IDENTIFICATION

206-517G-389

insulation

dk. brown

Client: R & H ASSOCIATES
Reported to: Ron Holtz

Sampled from: 206

REPORT Laboratory Analysis: BULK MATERIAL

FEDERAL EXPRESS

**PARAMETER** 

**TEST RESULTS** 

IESI KESULIS

Asbestos None detect

None detected. This sample contains approx.

80% Cellulose, 20% Quartz, Binder

206-517G-390 roofing material

white, black

Asbestos

None detected. This sample contains approx.

10% Fiberglass, 90% Quartz , CaCO , Binder

13B

13A

206-517G-390

roofing feit black Asbestos

None detected. This sample contains approx.

10% Fiberglass, 90% Quartz, Binder

13C

206-517G-390

roofing felt

black

**Asbestos** 

None detected. This sample contains approx.

20% Fiberglass, 80% Quartz, Binder

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Analyst: Ken Hokanson

Enst I Ado

By: Kurt Kettler

**BULK MATERIAL REPORT** 

LAB: 16178

P/O#:

REPORT Laboratory Analysis: BULK MATERIAL Methodology: EPA 600/M4-82-020

Client: R & H ASSOCIATES

**Proj: 206** Reported to: Ron Holtz Sampled from: 206 By: Client

Shipped via: **FEDERAL EXPRESS Received: 11/8/94** Reported: 11/17/94

IDENTIFICATION **PARAMETER TEST RESULTS** SAMPLE 13D 206-517G-390 Asbestos None detected. This sample contains approx.

roofing felt 20% Fiberglass, 80% Quartz, Binder

black

13E 206-517G-390 Asbestos None detected. This sample contains approx.

roofing, insulation 70% Cellulose, 30% Perlite, Binder

brown

14A 206-517G-391 **Asbestos** None detected. This sample contains approx.

roofing material 10% Fiberglass, 90% Quartz , CaCO , Binder

white, black

14B 206-517G-391 **Asbestos** None detected. This sample contains approx.

roofing felt 20% Fiberglass, 80% Quartz, Binder

black

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By: Kurt Kettler

### **BULK MATERIAL REPORT**

LAB: 16178

REPORT Laboratory Analysis: BULK MATERIAL

Client: R & H ASSOCIATES Reported to: Ron Holtz

Sampled from: 206 Shipped via:

FEDERAL EXPRESS

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Received: 11/8/94

Reported: 11/17/94

SAMPLE

14C

IDENTIFICATION

206-517G-391

roofing felt

black

**PARAMETER** 

**TEST RESULTS** 

None detected. This sample contains approx.

20% Fiberglass, 80% Quartz, Binder

14D

206-517G-391

roofing, insulation

brown

Asbestos

**Asbestos** 

None detected. This sample contains approx.

60% Cellulose, 40% Perlite, Binder

15

206-517G-392

roof mastic

silver, black

Asbestos

None detected. This sample contains approx.

15% Cellulose, 85% Quartz, CaCO, Binder

16

206-517G-393

roof mastic

dk. brown, black

Asbestos

None detected. This sample contains approx.

15% Cellulose, 85% Quartz , CaCO , Binder

THE REPORT APPLIES TO THE STANDARDS OR PROCEDURES IDENTIFIED AND TO THE SAMPLE(S) TESTED. THE TEST RESULTS ARE NOT NECESSARILY INDICATIVE OR REPRESENTATIVE OF THE QUALITIES OF THE LOT FROM WHICH THE SAMPLE WAS TAKEN OR OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE RENDERED UPON THE CONDITION THAT THEY WILL NOT BE REPRODUCED WHOLLY OR IN PART FOR ADVERTISING OR OTHER PURPOSES OVER OUR SIGNATURE OR IN CONNECTION WITH OUR NAME WITHOUT SPECIAL WRITTEN PERMISSION. SAMPLES NOT DESTROYED IN TESTING ARE RETAINED A MAXIMUM OF THIRTY DAYS.

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Analyst: Ken Hokanson

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

**BULK MATERIAL REPORT** 

LAB: 16221

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

By: Client

Received: 11/10/94

Reported: 11/11/94

Sampled from: Shipped via:

SAMPLE 01 FEDERAL EXPRESS

REPORT Laboratory Analysis: BULK MATERIAL

IDENTIFICATION

Client: R & H ASSOCIATES

Reported to: Ron Hoitz

PARAMETER

**TEST RESULTS** 

206-517G-394 insulation Asbestos

Positive. This sample contains approx.

10% Chrysotile, 25% Amosite, 10% Cellulose, 55%

CaSO, Binder

white

THE REPORT APPLIES TO THE STANDARDS OR PROCEDURES IDENTIFIED AND TO THE SAMPLE(S) TESTED. THE TEST RESULTS ARE NOT NECESSARILY INDICATIVE OR REPRESENTATIVE OF THE QUALITIES OF THE LOT FROM WHICH THE SAMPLE WAS TAKEN OR OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADORESSED CLIENT AND ARE RENDERED UPON THE CONDITION THAT THEY WILL NOT BE REPRODUCED WHOLLY OR IN PART FOR ADVERTISING OR OTHER PURPOSES OVER OUR SIGNATURE OR IN CONNECTION WITH OUR NAME WITHOUT SPECIAL WRITTEN PERMISSION. SAMPLES NOT DESTROYED IN TESTING ARE RETAINED A MAXIMUM OF THIRTY DAYS.

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Analyst: Al Glyda

By: Kurt Kettler

NVLAP Accreditation #1926, CA ELAP #1913, NY ELAP #11445, TX DOH #30-0094

### **ENVIRONMENTAL MANAGEMENT CONSULTANTS BULK MATERIAL REPORT**

LAB: 16308

REPORT Laboratory Analysis: BULK MATERIAL

Methodology: EPA 600/M4-82-020

Reported: 11/16/94

Client: R & H ASSOCIATES

P/O#:

Reported to: Ron Holtz

**Proi: 206** 

Sampled from: 206

By: Client

Shipped via: FEDERAL EXPRESS

SAMPLE

PARAMETER

**TEST RESULTS** 

Received: 11/15/94

01

02

**IDENTIFICATION** 206-517G-395

**Asbestos** 

None detected. This sample contains approx.

pipe insulation

10% Cellulose, 30% Fiberglass, 60% CaSO, Binder

gray

206-517G-396

Asbestos

None detected. This sample contains approx.

pipe insulation

gray

5% Cellulose, 30% Fiberglass, 65% Quartz, CaSO

THE REPORT APPLIES TO THE STANDARDS OR PROCEDURES IDENTIFIED AND TO THE SAMPLE(S) TESTED. THE TEST RESULTS ARE NOT NECESSARILY INDICATIVE OR REPRESENTATIVE OF THE QUALITIES OF THE LOT FROM WHICH THE SAMPLE WAS TAKEN OR OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE RENDERED UPON THE CONDITION THAT THEY WILL NOT BE REPRODUCED WHOLLY OR IN PART FOR ADVERTISING OR OTHER PURPOSES OVER OUR SIGNATURE OR IN CONNECTION WITH OUR NAME WITHOUT SPECIAL WRITTEN PERMISSION, SAMPLES NOT DESTROYED IN TESTING ARE RETAINED A MAXIMUM OF THIRTY DAYS.

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Analyst: Ken Scheske

By: Kurt Kettler

### **BULK MATERIAL REPORT**

REPORT Laboratory Analysis: BULK MATERIAL

Client: R & H ASSOCIATES

Reported to: Ron Holtz Sampled from: 206

Shipped via:

01

FEDERAL EXPRESS

16664 LAB:

Methodology: EPA 600/M4-82-020

P/O#:

Proj: 206

Client By:

Received: 12/6/94

Reported: 12/8/94

SAMPLE

IDENTIFICATION

206-517G-397

insulation off white

PARAMETER

**Asbestos** 

**TEST RESULTS** 

None detected. This sample contains approx.

20% Mineral Wool, 30% Fiberglass, 50% Quartz,

CaSO, Binder

02

206-517G-398

drywall, drywall tape, drywall comp

white, white, white

Asbestos

\* Trace detected. This sample contains approx. trace Chrysotile, 17% Cellulose, 82% Quartz,

CaCO, CaSO, Mica, Binder

FOR COMPOSITE ANALYSIS: THIS SAMPLE IS INHOMOGENEOUS, EACH LAYER WAS ANALYZED INDIVIDUALLY AND A COMPOSITE RESULTS WAS REPORTED.

THE REPORT APPLIES TO THE STANDARDS OR PROCEDURES IDENTIFIED AND TO THE SAMPLE(8) TESTED. THE TEST RESULTS ARE NOT NECESSARILY INDICATIVE OR REPRESENTATIVE of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE RENDERED UPON THE CONDITION THAT THEY WILL NOT BE REPRODUCED WHOLLY OR IN PART FOR ADVERTISING OR OTHER PURPOSES OVER OUR SIGNATURE OR IN CONNECTION WITH OUR NAME WITHOUT SPECIAL WRITTEN PERMISSION, SAMPLES NOT DESTROYED IN TESTING ARE RETAINED A MAXIMUM OF THIRTY DAYS,

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Analyst: Al Glyda

By: Kurt Kettler